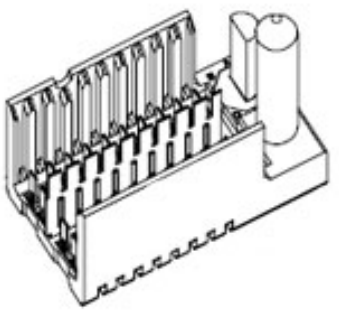
This document was generated on 05/14/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0758324104
Status: Active
Overview: gbx_backplane_connector_system
Description: 1.85mm by 1.85mm (.073" by .073") Pitch 2-Pair GbX® Backplane Connector System, Right Guide Header, 100 Circuits, Pin Length 4.55mm (.179"), Lead Free



Series image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-75221-999 (PDF)

Agency Certification

UL	E29179

General

Product Family	Backplane Connectors
Series	75832
Application	Backplane
Application Tooling Documents	Tooling Manual
Component Type	PCB Header
Overview	gbx_backplane_connector_system
Product Name	GbX®
Style	N/A

Physical

Circuits (Loaded)	100
Circuits (maximum)	100
Color - Resin	Gray
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	Yes
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Columns	10
Number of Pairs	2
Number of Rows	4
Orientation	Vertical
PC Tail Length (in)	0.091 In
PC Tail Length (mm)	2.30 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.073 In
Pitch - Mating Interface (mm)	1.85 mm
Pitch - Term. Interface (in)	0.073 In
Pitch - Term. Interface (mm)	1.85 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	30
Plating min: Termination (µm)	0.76

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
75832Series

Mates With
75874 GbX® Daughtercard Lead-Free

Application Tooling | **FAQ**
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.
Global

Description	Product #
GbX® 2 Pair by 10 Wide Differential Insertion Tool	0622022410

Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

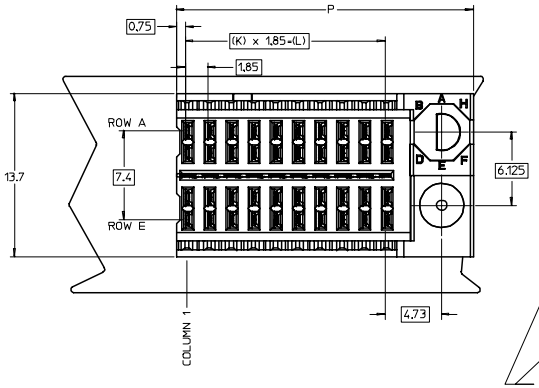
Current - Maximum per Contact	1A
Data Rate	8.0 Gbps
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

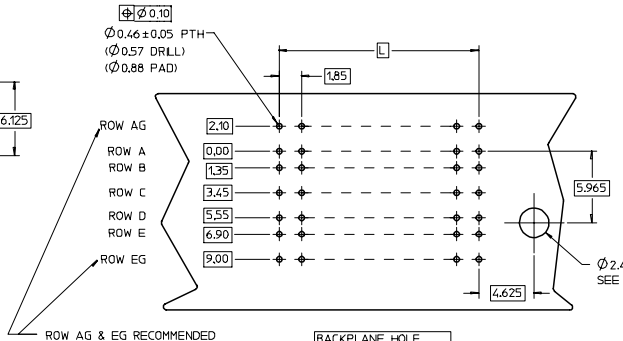
Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-5058
Product Specification	PS-75221-999
Sales Drawing	SD-75832-410

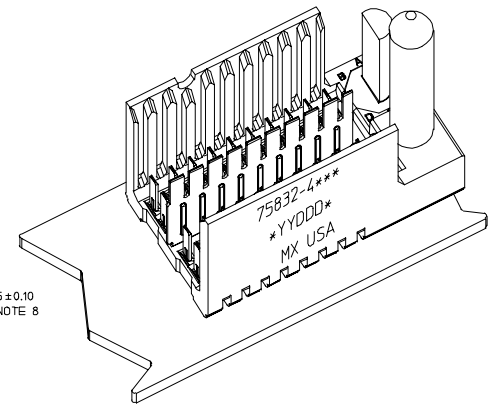
GbX is a registered trademark of Amphenol Corporation.

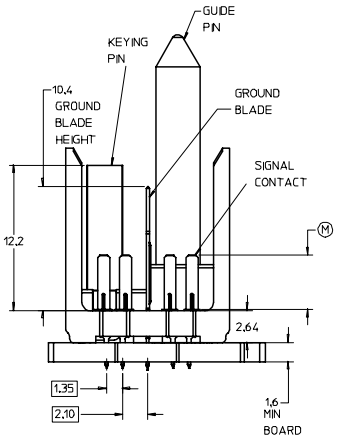


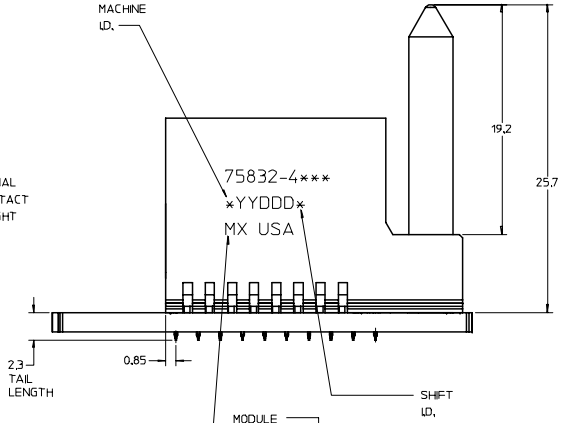


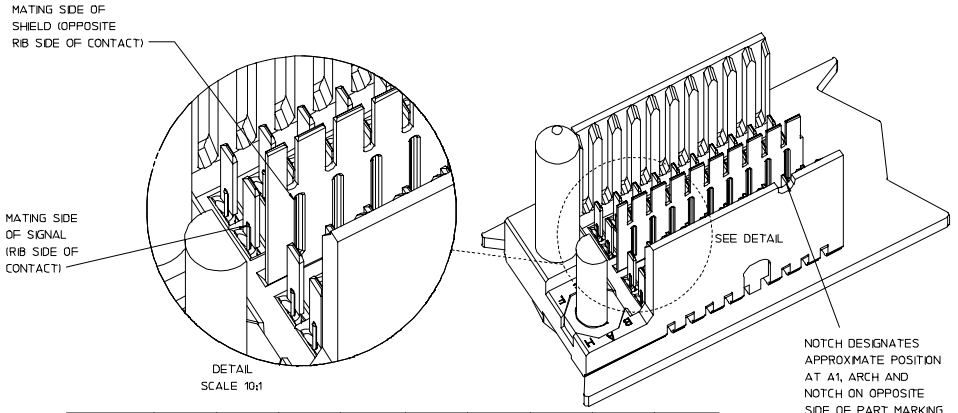
ROW AG & EG RECOMMENDED FOR ALL APPLICATIONS. THESE ROWS SHOULD BE CONNECTED TO GROUND.

BACKPLANE HOLE PATTERN (COMPONENT SIDE-10 POS SHOWN)









P/N 75832-( )	-**0*	-**1*	-**2*	-**3*	-**4*	-**5*	-**6*	-**7*	-**8*
KEYING PIN ORIENTATION	0	A	B	C	D	E	F	G	H

LEAD-FREE PLATING ON SIGNALS, & GROUNDS.

NOTES:
1. MATERIAL: HOUSING - LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED. UL 94V-0. COLOR - GRAY. SIGNAL CONTACT AND GROUND BLADE - HIGH PERFORMANCE COPPER ALLOY.
2. FINISHES: SELECTIVE GOLD (Au) ON CONTACT AREA. SELECTIVE MATTE TIN (Sn) ON PCB TAILS. NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-75221-999.
4. FOR MIXED CONTACT MATING LENGTHS CONSULT MOLEX FOR AVAILABILITY. CONTACT PAIRS MUST BE THE SAME LENGTH.
5. FOR SPECIFIC PART NUMBER AND MATING INFORMATION PLEASE REFER TO CHART.
6. PACKAGE PER PK-70873-5058.
7. EITHER MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE A LABEL ON THE TUBE.
8. OPTIONAL HOLE LOCATION FOR GROUNDED GUIDE PIN OR ADDITIONAL GUIDE PIN SUPPORT. FOR GROUNDED GUIDE, HOLE TO BE PLATED, DRILL SIZE Ø2,58, PAD SIZE Ø5,50
9. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002 CLASS B.

MODULE ORIENTATION RIGHT = 4

75832-4 * * *

KEYING ORIENTATION
0=NONE
1=A
2=B
ETC...

COLUMN
1=10 COL
2=25 COL

PIN LENGTH
DIM "M"
3=3,55 mm
4=4,55 mm
5=5,55 mm

PART NUMBER TABLE				
ASSY PART NO.	K	L	P	TOTAL NO. OF DIFFERENTIAL PAIRS
75832-41**	9	16,65	24,78	20
75832-42**	24	44,40	52,53	50

REVISED
EC NO: UCP2007-2580 2007/05/02
DRWN: JBINGHAM 2007/05/02
CHKD: 2007/05/02
APPR: SREED
DESCRIPTION
REV: B

QUALITY SYMBOLS
▼ 0
▽ 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR	±---°	

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

SCALE 5:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
REVISE ON CAD ONLY
DIMENSION STYLE MM ONLY

DRAWN BY CTHOMAS DATE 2006/01/13
CHECKED BY KMULVEY DATE 2006/01/16
APPROVED BY JBINGHAM DATE 2006/01/17

TITLE
GBX 2-PAIR RIGHT END BACKPLANE ASSEMBLY LEAD-FREE SALES DRAWING

molex MOLEX INCORPORATED

MATERIAL NO. SEE CHART
DOCUMENT NO. SD-75832-410
SHEET NO. 1 OF 1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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Rev. B1 2000/08/01

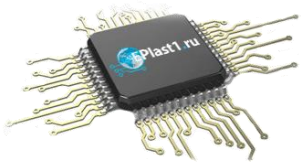
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
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